

L 23359-66

ACC NR: AP5024611

2) inclined plane test, 3) roller cage test, 4) "chimney" climbing test, and 5) spontaneous motility. All but the first measure motor efficiency. The reversed Burn-Hobbs test of the effect of amphetamine on psychotropic drug toxicity unexpectedly showed that amphetamine increases toxicity of all neuroleptic and ataractic drugs (except taxilon, methylpentynol carbamate, ipronal, and preparation D) but decreases the toxicity of imipramine. Caffeine (increases the toxicity of imipramine, but decreases the toxicity of pipradrol. The ability of the tests to differentiate different types of psychotropic activity was studied. The reversed Burn-Hobbs test seemed to differentiate between antimaniacal and antidepressant tranquillizers. The minor tranquilizers meprobamate and mephenesine, showed strong activity in the motor tests, while the other tranquilizing drugs and piprodrol and imipramine had weaker and briefer effects. The climbing test sharply distinguished between depressants and stimulants. The actographic method allowed classification of the studied drugs in four groups. It was concluded that the tests studied, (except the inclined plane test) do allow preliminary assessment of the nature and duration of action of psychotropic drugs, but should be supplemented by general pharmacologic tests to determine spinal and muscular components of their activity.

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Card 2/2 Lc

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ACC NR: AP5024611 (A)

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TITLE: Comparative studies of tranquillizing drugs (cont'd)

SOURCE: Archivum immunologiae et therapiae experimentalis, v. 13, no. 4, 1965,
440-460

TOPIC TAGS: neuroleptic, tranquilizer, tranquillizing drug, ataractic, psycho-analeptic, antidepressant, promazine, taxilan, meprobamate, mephenesine, azacyclonol, hydroxyzine, ectylurea, methylpentynol carbamate, ipronal, pipradrol, imipramine, drug test, pharmacological test, drug effect

ABSTRACT: Twelve classic psychotropic drugs were used in seeking a drug test method for rapid elimination of chemical compounds which do not possess desired psychotropic properties, and approximate evaluation of those which do. These were: promazine, taxilan, meprobamate, mephenesine, azacyclonol, hydroxyzine, ectylurea, methylpentynol carbamate, preparation D₁H (ipronal), preparation D₁ (5-allyl-5-(β-hydroxy-γ-iodopropyl) barbituric acid), pipradrol, and imipramine. Each drug was studied in mice with the following five tests: 1) reversed Burn-Hobbs test,

Card 1/2

HANO, Józef; GIELDANOWSKI, Jerzy; KEDZIERSKA, Lidia; PRASZOMSKI, Wiesław

Comparative studies of tranquilizing drugs. Arch. immun. ther. exp. 13 no.4:440-460 '65.

1. Department of Pharmacology, Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wrocław,
and Department of Pharmacology, School of Medicine, Wrocław.

HANO, Jozef; WOJEWODZKI, Wieslaw

Structure-activity relationship in the phenylisopropylamine group.
III. Central activity of polyphenyl derivatives. Arch. immun. tom.
dosw. 9 no.4:609-629 '61.

1. Department of Pharmacology, School of Medicine, Wroclaw; Department
of Pharmacology, Institute of Immunology and Experimental Therapy,
Polish Academy of Sciences, Wroclaw.

(AMPHETAMINE rel cpds)

SURNAME, Given Names

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Data: Source: Warsaw, Postepy Higieny i Medycyny Doswiadczałnej, Vol XV, No 4, 1961, pp 396-397.

Data: "Concerning Certain Spiro-Pyran-Barbituric Compounds."

English abstract of article, originally published in Arch. Immunol i Terapii Dosw., 1960, 8, 355.

Authors:

BOBRANSKI, B.

HANO, J.

GIEIDANOWSKI, J.

PRELICZ, D.

PELICZARSKA, A.

WILIMOWSKI, M.

HANO, Jozef; WOJEWODZKI, Wieslaw

Relationship between the chemical structure and pharmacological activity of a group of phenylisopropylamines II. Aromatic derivatives.
Arch.immun.ter.dosw. 9 no.1:7-24 '61.

1. Zaklad Farmakologii Instytutu Immunologii i Terapii Doswiadczałnej
PAN we Wrocławiu, Zaklad Farmakologii Akademii Medycznej we Wrocławiu.
(PHENYLETHYLAMINES pharmacol)

BOBRANSKI, Boguslaw; HANO, Jozef; GIELDANOWSKI, Jerzy; PRELICZ, Danuta;
PELCZARSKA, Alicja; WILIMOWSKI, Marian

On certain spiro-pyrano-barbiturate compounds. Arch.immun.ter.
dosw. 8 no.2:355-359 '60.

1. Zaklad Syntezy Srodkow Leczniczych i Zaklad Farmakologii
Instytutu Immunologii i Terapii Doswiadczonej PAN we Wrocławiu.
Zaklad Chemii Farmaceutycznej Akademii Medycznej we Wrocławiu.
(BARBITURATES pharmacol)

EXCERPTA MEDICA Sec 2 Vol 12/7 Physiology July 59

3111. PHARMACOLOGY OF SOME DECAMETHYLENE-1:10-BISTRIMETHYLMONIUM DERIVATIVES - Własności farmakologiczne kilku pochodnych dekametyleno-1,10-bis-trójmetiloamonowych - Hano J., Wilimowski M., and Giełdanowski J. Zakł. Farmakol., Akad. Med., Wrocław - ARCH. IMMUNOL. TERAP. DOSW. (Wrocław) 1958, 6/2 (347-356) Tables 4 Decamethonium methylsulphate (I), decamethylene-1:10-bis(benzylidimethylammonium chloride) (II) and decamethonium dioxide (III) were studied with special reference to their motor end-plate-blocking action. III did not exert any action in doses up to 250 mg./kg. In sufficient dosage I and II block the respiratory muscles at the same time as other striated muscles; this disqualifies them for clinical use.

Kokot - Bytom

HANO, J.

SZCZEKLIK, E.; HANO, J.; BOGDANIKOWA, B.; MAJ, J.

Treatment of arterial hypertension with Vinca minor L.
Polski tygod. lek. 12 no. 4:121-125 21 Jan 57.

1. (Z III Kliniki Chorob Wewnętrznych A.M. we Wrocławiu;
kierownik prof. dr. E. Szczeklik i z Zakładu Farmakologii
A.M. we Wrocławiu; kierownik: prof. dr. J. Hano). Adres:
Wrocław, ul. Pasteura 4.

(HYPERTENSION, ther.

Vinca minor L. extract (Pol))

(PLANTS, extracts

Vinca minor L., ther. of hypertension (Pol))

HANO, J.; WILIMOWSKI, M.; GIELDANOWSKI, J.; WOJEWODZKI, W.

Studies on experimental hemorrhagic shock. III. Effect of hypotensive
and hypertensive drugs. Acta physiol. polon. 8 no.3:350-351 1957.

1. Z Zakladu Farmakologii A. M. we Wrocławiu Kierownik: prof. dr J. Hano.
(HEMORRHAGE, experimental,
eff. of hypertensive & hypotensive drugs on shock (Pol))
(BLOOD PRESSURE,
hypertensive & hypotensive drugs, eff. on exper. hemorrh.
shock (Pol))

HANO, J.; WILLIMOWSKI, M.; GIELDANOWSKI, J.

Studies on experimental hemorrhagic shock. I. Effect of infusion of crystalloid solutions on the effect of dextran. Acta physiol. polon 8 no.3:348-350 1957.

1. Z Zakladu Farmakologii A. M. we Wroclawiu Kierownik: prof. dr J. Hano.
(HEMORRHAGE, experimental,
eff. of dextran in shock, eff. of infusion of crystalloid
solutions on reactivity (Pol))
(SHOCK, experimental,
hemorrh., eff. of dextran, eff. of infusion of crystalloid
solutions on reactivity (Pol))
(DEXTRAN, effects:
on exper. hemorrh. shock, eff. of infusion of crystalloid
solutions on reactivity (Pol))
(INFUSIONS, PARENTERAL,
crystalloid solutions, on exper. hemorrh. shock reactivity
to dextran (Pol))

H17HD, v,

✓ *Veratrum lobelianum*, II. Hypnotic action of ex-
fractions. T. Mai and I. Hanno. *Acta Polon. Pharm.* 18,
p. 59-104 (1961) (English summary). cf. *C.A.* 43, 13993.
Six different fractions including one not previously described
were obtained by ext. of the pulverized rhizome and the
roots of the indigenous *V. lobelianum* according to the
method of Zupko and Edwards (*C.A.* 43, 2102d). P. D.

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HANO, J.

Pharmacological properties of new local anaesthetic preparations derived from dimethylhydriodine. J. Hano, J. Chaitinoff, and M. Willmetz. *Acta Polon. Pharm.* 11, 77-84 (1954) (author's summary).—The activity as a local anaesthetic and the general pharmacological properties of benzyl-*N*-methyl-N-propyl-piperidine and *Minoxy*-2,6-di-methyl-4-aminohydriodine were investigated and compared with those of benzyl-*N*-methyl-*N*-propyl-piperidine (methylcaine). P. Dreyfuss

3

Hano, J.

EXCERPTA MEDICA Sec.2 Vol.10/4 Physiology, etc. Apr57

1884. HANO J. and MAJ J. Pracowni Farmakodyn. A.M., Kraków. *O hipotensyjnym działaniu barwinka (Vinca minor L). Hypotensive action of Vinca minor L PQL. TYG. LEK. 1956, 11/6 (264-267) Graphs 3
In anaesthetized dogs, cats and rabbits, Vinca minor (I) in doses of 0,025 - 0,3 g./kg (i.v. or intra-intestinal) causes a fall of blood pressure. This fall is not prevented by vagotomy or antazoline; atropine reduces it somewhat. Decerebration prolongs the hypotensive effect in dogs and abolishes it in cats. The pressor effect induced by clamping the common carotid arteries is decreased by I. The drug has no influence on the pressor actions of adrenaline, ephedrine and vasopressin, or on the hypotensive actions of ACh, neostigmine and dihydroergotamine. Azamethonium ('pendiomid') does not affect the action of I. On the heart, I has a negative chronotropic effect. It abolishes in cats the contraction of the nictitating membrane, caused by stimulation of the preganglionic sympathetic fibres. Tonus and peristalsis of the small intestine, whether *in situ* or isolated, are increased by I. This effect is diminished by atropine.
Czubalski - Warsaw

HANO, J.

GIELDANOWSKI, J.; HANO, J.; WILIMOWSKI, M.

Studies on experimental hemorrhagic shock. II. Effect of simultaneus administration of oxygen and dextran. Acta physiol. polon. 8 no.3:334-335 1957.

1. Z Zakladu Farmakologii A. M. we Wrocławiu Kierownik: prof. dr J. Hano.

(SHOCK, experimental,
hemorrh., eff. of simultaneous oxygen & dextran ther. (Pol))

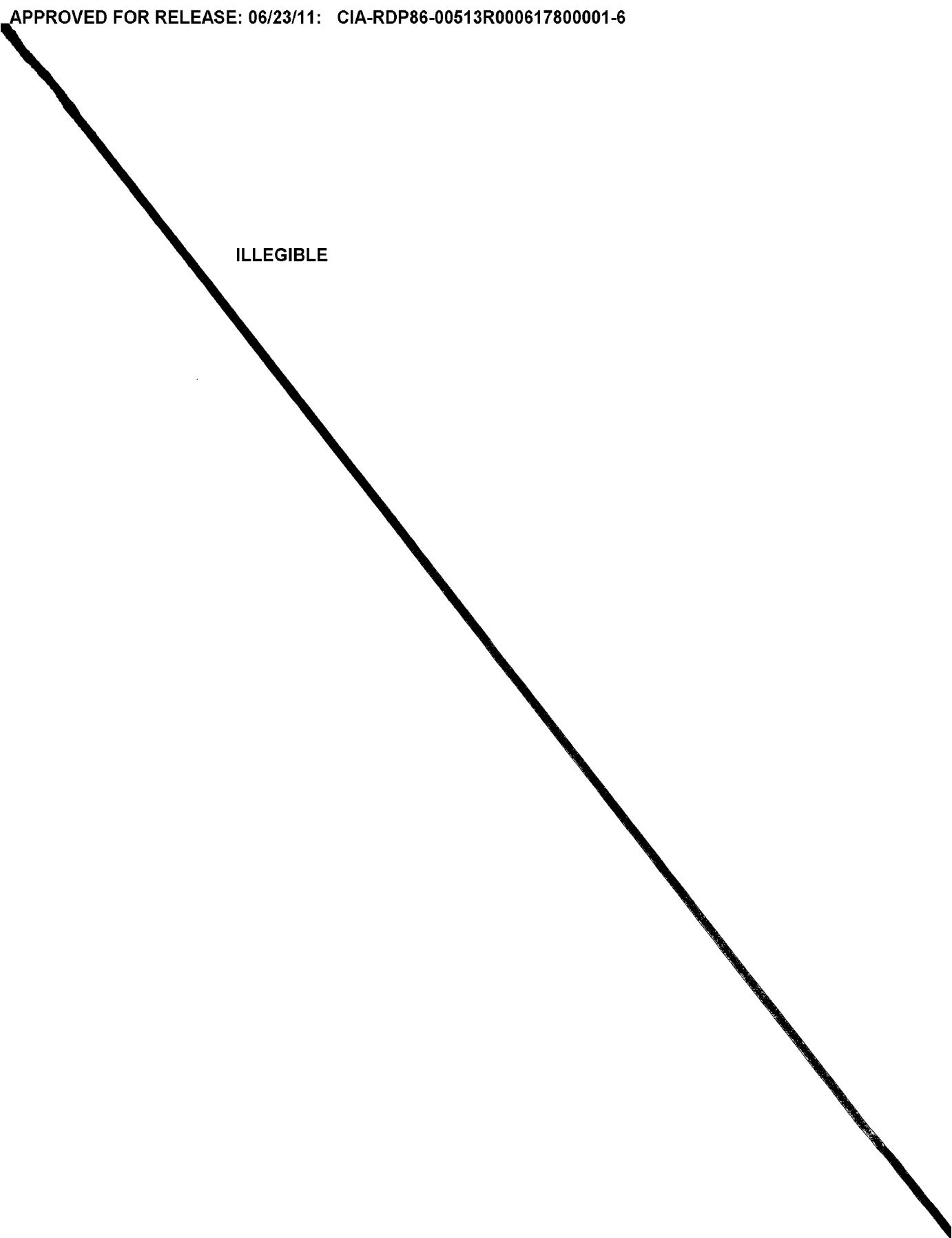
(HEMORRHAGE, experimental,
eff. of dextran with oxygen in shock (Pol))

(DEXTRAN, effects,
on exper. hemorrh. shock, with oxygen (Pol))

(OXYGEN, effects,
on exper. hemorrh. shock, with dextran (Pol))

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ILLEGIBLE



HANO, J.; GIELDANOWSKI, J.; WILIMOWSKI, M.

Pharmacodynamic properties of certain antihistaminics. Acta
physiol. polon. 7 no.1:65-80 1956.

1. Z Zakladu Farmakologii A M we Wrocławiu Kierownik prof. dr.
J. Hano.

(ANTIHISTAMINICS, effects,
pharmacodynamics. (Pol))

HANO, Jozef

Analysis and evaluation of achievements in the field of
studies of a new drugs and method of conduction of scientific
work. Postepy wiedzy med. 3 no.4:427-432 Oct-Dec 1956.

(PHARMACOLOGY,
studies on new drugs (Pol))

HANO, J.

ECKSTEIN, M.; MAJ, J.; KOCWA, A.; HANO, J.

Investigations on action of certain new pyrazolone compounds.
Acta Poloniae pharm. 11 Suppl.:130-132 1955.

1. Zaklad Chemii Farmaceutycznej A. M., Krakow, Pracownia Farma-
kodynamiki Wyda. Farm. A. M., Krakow.

(ANALGESICS,
antipyrine aldehydes)

HANO, J., SIEROSLAWSKA, J.

Investigations on biological action of Adonis vernalis L. Acta
Poloniae pharm. 11 Suppl.:70-72 1955.

1. Pracownia Farmakodynamiki A.M., Krakow.
(ADONIS,
vernalis, biol. action)

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1ST AND 2ND ORDERS
3RD AND 4TH ORDERS
PROCESSES AND PROPERTIES INDEX

The pharmacological action of some nicotinic acid derivatives. Janusz V. Supniewski and Josef Hano. *Bull. intern. Acad. polon. sci., Classe med.*, 6, 623-34 (1967); *Ber. ges. Physiol. expel. Pharmacol.*, 102, 600. Nicotinamide-MeI (I) and N-methylhexahydropyridocotinamide-III (II) were relatively nontoxic, 1 g. per kg. subcutaneously injected into mice producing light sleep and 2 g. per kg. partial narcosis. I and II caused falls in blood pressure, II being more potent. Both stimulated the cat heart *in situ*, depressed the dog and perfused rabbit hearts. Although nicotinic acid caused vasodilatation in rabbits, I and II caused vasoconstriction. J. C. M.

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ASH-SLA METALLURGICAL LITERATURE CLASSIFICATION

EZM 122 SUBJECTS

1ST	2ND	3RD	4TH	5TH	6TH	7TH	8TH	9TH	10TH	11TH	12TH	13TH	14TH	15TH	16TH	17TH	18TH	19TH	20TH	21ST	22ND	23RD	24TH	25TH	26TH	27TH	28TH	29TH	30TH	31ST	32ND	33RD	34TH	35TH	36TH	37TH	38TH	39TH	40TH	41ST	42ND	43RD	44TH	45TH	46TH	47TH	48TH	49TH	50TH	51ST	52ND	53RD	54TH	55TH	56TH	57TH	58TH	59TH	60TH	61ST	62ND	63RD	64TH	65TH	66TH	67TH	68TH	69TH	70TH	71ST	72ND	73RD	74TH	75TH	76TH	77TH	78TH	79TH	80TH	81ST	82ND	83RD	84TH	85TH	86TH	87TH	88TH	89TH	90TH	91ST	92ND	93RD	94TH	95TH	96TH	97TH	98TH	99TH	100TH	101ST	102ND	103RD	104TH	105TH	106TH	107TH	108TH	109TH	110TH	111ST	112ND	113RD	114TH	115TH	116TH	117TH	118TH	119TH	120TH	121ST	122ND	123RD	124TH	125TH	126TH	127TH	128TH	129TH	130TH	131ST	132ND	133RD	134TH	135TH	136TH	137TH	138TH	139TH	140TH	141ST	142ND	143RD	144TH	145TH	146TH	147TH	148TH	149TH	150TH	151ST	152ND	153RD	154TH	155TH	156TH	157TH	158TH	159TH	160TH	161ST	162ND	163RD	164TH	165TH	166TH	167TH	168TH	169TH	170TH	171ST	172ND	173RD	174TH	175TH	176TH	177TH	178TH	179TH	180TH	181ST	182ND	183RD	184TH	185TH	186TH	187TH	188TH	189TH	190TH	191ST	192ND	193RD	194TH	195TH	196TH	197TH	198TH	199TH	200TH	201ST	202ND	203RD	204TH	205TH	206TH	207TH	208TH	209TH	210TH	211ST	212ND	213RD	214TH	215TH	216TH	217TH	218TH	219TH	220TH	221ST	222ND	223RD	224TH	225TH	226TH	227TH	228TH	229TH	230TH	231ST	232ND	233RD	234TH	235TH	236TH	237TH	238TH	239TH	240TH	241ST	242ND	243RD	244TH	245TH	246TH	247TH	248TH	249TH	250TH	251ST	252ND	253RD	254TH	255TH	256TH	257TH	258TH	259TH	260TH	261ST	262ND	263RD	264TH	265TH	266TH	267TH	268TH	269TH	270TH	271ST	272ND	273RD	274TH	275TH	276TH	277TH	278TH	279TH	280TH	281ST	282ND	283RD	284TH	285TH	286TH	287TH	288TH	289TH	290TH	291ST	292ND	293RD	294TH	295TH	296TH	297TH	298TH	299TH	300TH	301ST	302ND	303RD	304TH	305TH	306TH	307TH	308TH	309TH	310TH	311ST	312ND	313RD	314TH	315TH	316TH	317TH	318TH	319TH	320TH	321ST	322ND	323RD	324TH	325TH	326TH	327TH	328TH	329TH	330TH	331ST	332ND	333RD	334TH	335TH	336TH	337TH	338TH	339TH	340TH	341ST	342ND	343RD	344TH	345TH	346TH	347TH	348TH	349TH	350TH	351ST	352ND	353RD	354TH	355TH	356TH	357TH	358TH	359TH	360TH	361ST	362ND	363RD	364TH	365TH	366TH	367TH	368TH	369TH	370TH	371ST	372ND	373RD	374TH	375TH	376TH	377TH	378TH	379TH	380TH	381ST	382ND	383RD	384TH	385TH	386TH	387TH	388TH	389TH	390TH	391ST	392ND	393RD	394TH	395TH	396TH	397TH	398TH	399TH	400TH	401ST	402ND	403RD	404TH	405TH	406TH	407TH	408TH	409TH	410TH	411ST	412ND	413RD	414TH	415TH	416TH	417TH	418TH	419TH	420TH	421ST	422ND	423RD	424TH	425TH	426TH	427TH	428TH	429TH	430TH	431ST	432ND	433RD	434TH	435TH	436TH	437TH	438TH	439TH	440TH	441ST	442ND	443RD	444TH	445TH	446TH	447TH	448TH	449TH	450TH	451ST	452ND	453RD	454TH	455TH	456TH	457TH	458TH	459TH	460TH	461ST	462ND	463RD	464TH	465TH	466TH	467TH	468TH	469TH	470TH	471ST	472ND	473RD	474TH	475TH	476TH	477TH	478TH	479TH	480TH	481ST	482ND	483RD	484TH	485TH	486TH	487TH	488TH	489TH	490TH	491ST	492ND	493RD	494TH	495TH	496TH	497TH	498TH	499TH	500TH	501ST	502ND	503RD	504TH	505TH	506TH	507TH	508TH	509TH	510TH	511ST	512ND	513RD	514TH	515TH	516TH	517TH	518TH	519TH	520TH	521ST	522ND	523RD	524TH	525TH	526TH	527TH	528TH	529TH	530TH	531ST	532ND	533RD	534TH	535TH	536TH	537TH	538TH	539TH	540TH	541ST	542ND	543RD	544TH	545TH	546TH	547TH	548TH	549TH	550TH	551ST	552ND	553RD	554TH	555TH	556TH	557TH	558TH	559TH	560TH	561ST	562ND	563RD	564TH	565TH	566TH	567TH	568TH	569TH	570TH	571ST	572ND	573RD	574TH	575TH	576TH	577TH	578TH	579TH	580TH	581ST	582ND	583RD	584TH	585TH	586TH	587TH	588TH	589TH	590TH	591ST	592ND	593RD	594TH	595TH	596TH	597TH	598TH	599TH	600TH	601ST	602ND	603RD	604TH	605TH	606TH	607TH	608TH	609TH	610TH	611ST	612ND	613RD	614TH	615TH	616TH	617TH	618TH	619TH	620TH	621ST	622ND	623RD	624TH	625TH	626TH	627TH	628TH	629TH	630TH	631ST	632ND	633RD	634TH	635TH	636TH	637TH	638TH	639TH	640TH	641ST	642ND	643RD	644TH	645TH	646TH	647TH	648TH	649TH	650TH	651ST	652ND	653RD	654TH	655TH	656TH	657TH	658TH	659TH	660TH	661ST	662ND	663RD	664TH	665TH	666TH	667TH	668TH	669TH	670TH	671ST	672ND	673RD	674TH	675TH	676TH	677TH	678TH	679TH	680TH	681ST	682ND	683RD	684TH	685TH	686TH	687TH	688TH	689TH	690TH	691ST	692ND	693RD	694TH	695TH	696TH	697TH	698TH	699TH	700TH	701ST	702ND	703RD	704TH	705TH	706TH	707TH	708TH	709TH	710TH	711ST	712ND	713RD	714TH	715TH	716TH	717TH	718TH	719TH	720TH	721ST	722ND	723RD	724TH	725TH	726TH	727TH	728TH	729TH	730TH	731ST	732ND	733RD	734TH	735TH	736TH	737TH	738TH	739TH	740TH	741ST	742ND	743RD	744TH	745TH	746TH	747TH	748TH	749TH	750TH	751ST	752ND	753RD	754TH	755TH	756TH	757TH	758TH	759TH	760TH	761ST	762ND	763RD	764TH	765TH	766TH	767TH	768TH	769TH	770TH	771ST	772ND	773RD	774TH	775TH	776TH	777TH	778TH	779TH	780TH	781ST	782ND	783RD	784TH	785TH	786TH	787TH	788TH	789TH	790TH	791ST	792ND	793RD	794TH	795TH	796TH	797TH	798TH	799TH	800TH	801ST	802ND	803RD	804TH	805TH	806TH	807TH	808TH	809TH	810TH	811ST	812ND	813RD	814TH	815TH	816TH	817TH	818TH	819TH	820TH	821ST	822ND	823RD	824TH	825TH	826TH	827TH	828TH	829TH	830TH	831ST	832ND	833RD	834TH	835TH	836TH	837TH	838TH	839TH	840TH	841ST	842ND	843RD	844TH	845TH	846TH	847TH	848TH	849TH	850TH	851ST	852ND	853RD	854TH	855TH	856TH	857TH	858TH	859TH	860TH	861ST	862ND	863RD	864TH	865TH	866TH	867TH	868TH	869TH	870TH	871ST	872ND	873RD	874TH	875TH	876TH	877TH	878TH	879TH	880TH	881ST	882ND	883RD	884TH	885TH	886TH	887TH	888TH	889TH	890TH	891ST	892ND	893RD	894TH	895TH	896TH	897TH	898TH	899TH	900TH	901ST	902ND	903RD	904TH	905TH	906TH	907TH	908TH	909TH	910TH	911ST	912ND	913RD	914TH	915TH	916TH	917TH	918TH	919TH	920TH	921ST	922ND	923RD	924TH	925TH	926TH	927TH	928TH	929TH	930TH	931ST	932ND	933RD	934TH	935TH	936TH	937TH	938TH	939TH	940TH	941ST	942ND	943RD	944TH	945TH	946TH	947TH	948TH	949TH	950TH	951ST	952ND	953RD	954TH	955TH	956TH	957TH	958TH	959TH	960TH	961ST	962ND	963RD	964TH	965TH	966TH	967TH	968TH	969TH	970TH	971ST	972ND	973RD	974TH	975TH	976TH	977TH	978TH	979TH	980TH	981ST	982ND	983RD	984TH	985TH	986TH	987TH	988TH	989TH	990TH	991ST	992ND	993RD	994TH	995TH	996TH	997TH	998TH	999TH	1000TH	1001ST	1002ND	1003RD	1004TH	1005TH	1006TH	1007TH	1008TH	1009TH	1010TH	1011ST	1012ND	1013RD	1014TH	1015TH	1016TH	1017TH	1018TH	1019TH	1020TH	1021ST	1022ND	1023RD	1024TH	1025TH	1026TH	1027TH	1028TH	1029TH	1030TH	1031ST	1032ND	1033RD	1034TH	1035TH	1036TH	1037TH	1038TH	1039TH	1040TH	1041ST	1042ND	1043RD	1044TH	1045TH	1046TH	1047TH	1048TH	1049TH	1050TH	1051ST	1052ND	1053RD	1054TH	1055TH	1056TH	1057TH	1058TH	1059TH	1060TH	1061ST	1062ND	1063RD	1064TH	1065TH	1066TH	1067TH	1068TH	1069TH	1070TH	1071ST	1072ND	1073RD	1074TH	1075TH	1076TH	1077TH	1078TH	1079TH	1080TH	1081ST	1082ND	1083RD	1084TH	1085TH	1086TH	1087TH	1088TH	1089TH	1090TH	1091ST	1092ND	1093RD	1094TH	1095TH	1096TH	1097TH	1098TH	1099TH	1100TH	1101ST	1102ND	1103RD	1104TH	1105TH	1106TH	1107TH	1108TH	1109TH	1110TH	1111ST	1112ND	1113RD	1114TH	1115TH	1116TH	1117TH	1118TH	1119TH	1120TH	1121ST	1122ND	1123RD	1124TH	1125TH	1126TH	1127TH	1128TH	1129TH	1130TH	1131ST	1132ND	1133RD	1134TH	1135TH	1136TH	1137TH	1138TH	1139TH	1140TH	1141ST	1142ND	1143RD	1144TH	1145TH	1146TH	1147TH	1148TH	1149TH	1150TH	1151ST	1152ND	1153RD	1154TH	1155TH	1156TH	1157TH	1158TH	1159TH	1160TH	1161ST	1162ND	1163RD	1164TH	1165TH	1166TH	1167TH	1168TH	1169TH	1170TH	1171ST	1172ND	1173RD	1174TH	1175TH	1176TH	1177TH	1178TH	1179TH	1180TH	1181ST	1182ND	1183RD	1184TH	1185TH	1186TH	1187TH	1188TH	1189TH	1190TH	1191ST	1192ND	1193RD	1194TH	1195TH	1196TH	1197TH	1198TH	1199TH	1200TH	1201

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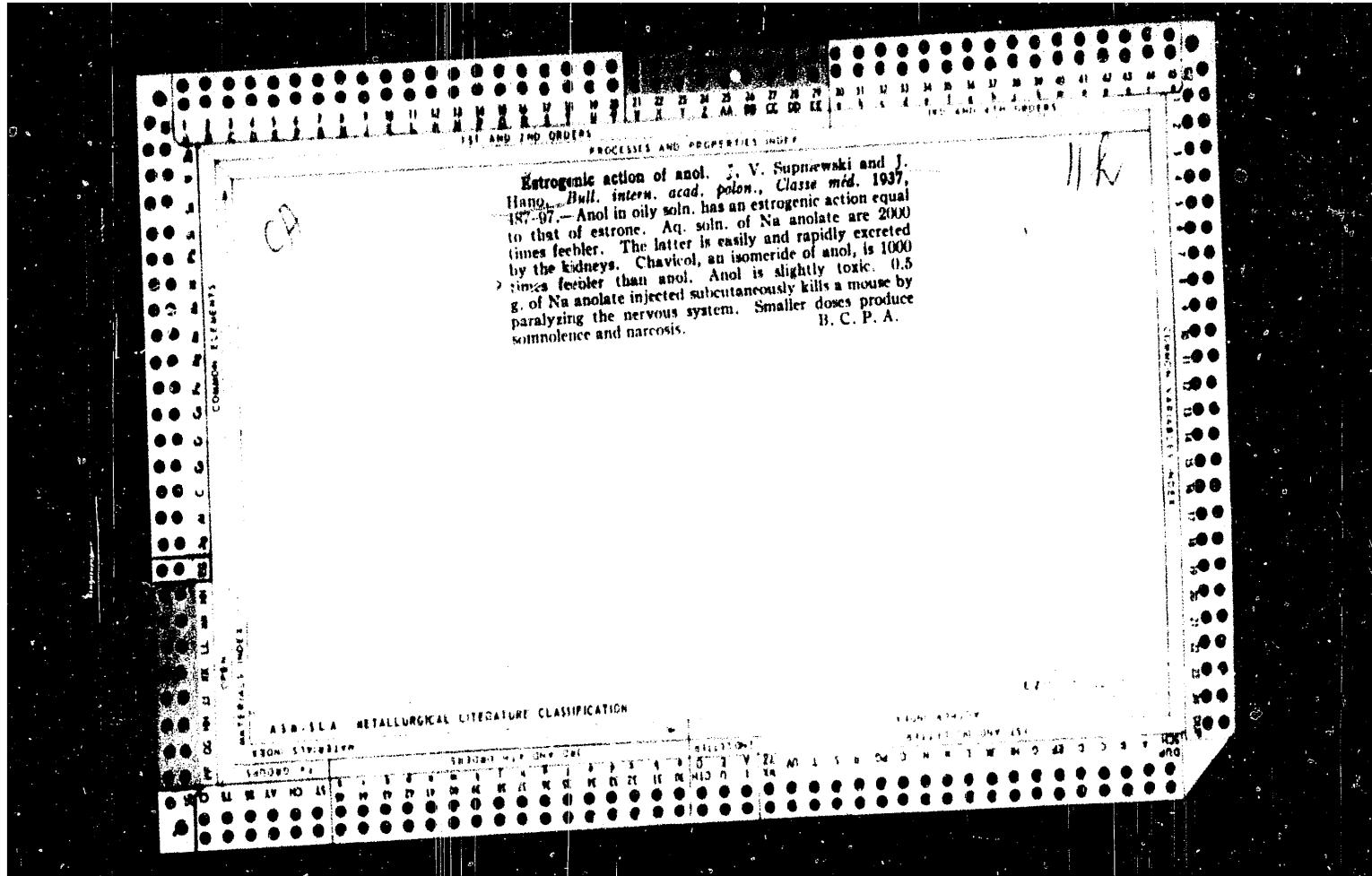
Industries of Wall's sporobolus on the chemical composition of the medium. J. W. SORNIKOWSKI and J. ELIASZ (Bull. Acad. Polonaise, 1937, Cl. Méd., 490-505). The metabolism of *Leptospira inter-Aussrioviginea* (Wall) differs in many respects from that of *Propionibacter acidiacum*. The former utilizes L-arabinose but no other pentoses; it hydrolyses galactose and glucose but only to a smaller extent fructose and mannose. It breaks down urea but not uric acid or lactic acid.

A-4

ENTOMOLOGICAL LITERATURE CLASSIFICATION

1 1002 0304877

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PROPERTIES AND PROPERTIES INDEX

9,10-Dipropyl-1,2,5,6-dibenzo-9,10-dihydroanthraquinone, a synthetic estrogenic substance for mammals. J. V. Supniewski and J. Hanc. *Bull. intern. acad. polon. Classe med.* 1937, 185-201. Its pharmacol. action is stronger than that of dibenzanthracene, although similar in quality. It depresses the heart, lowers blood pressure and depresses smooth-muscle organs. Respiration is stimulated, bile secretion diminished and neutropenia produced. 0.06 mg. injected into immature ovariectomized mice produces a complete estrus lasting 4-5 days; 0.5 mg. produces an estrus of 40 days' duration. The substance has no effect on the ovaries of immature mice or on the oviduct of ovariectomized frogs or on the sexual organs of male mice.

B.C.P.A

AIR SEA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

1ST AND 2ND ORDERS **PROCESSES AND PROPERTIES INDEX**

The pharmacological action of biacetyl. Josef Hano
Bull. intern. Acad. polon. sci., Classe med. 1939, 55: 621.
Biochim. Physiol. expér. Pharmacol. 101, 1940, 193-197.
 Biacetyl, used clinically for the treatment of tuberculosis, killed the tubercle bacilli at a concn. of 1:50, had no effect on tissue oxidation; weakly stimulated frog heart and lungs, also respiration in rabbits and cats; 1:300 solns. paralysed smooth muscle. Doses of 25 mg per kg delayed gall-bladder contractions in rabbits. L.C.M.

U.S. SEA METALLURGICAL LITERATURE CLASSIFICATION

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

The pharmacological action of araboflavines. Janusz Viktor Supnicki and Josef Hahn. *Bull. intern. Acad. polon. sci., Clasz. med.*, 1936, 3(3), 737-747 (*Ber. ges. Physiol. expfl. Pharmacol.*, 99, 516 (1937)). Studies were made on 6,7-dimethyl-9-d-araboflavine (I) and the corresponding 6-isomer (II). Injection of 10 mg. per kg. intravenously to urethanized guinea pigs caused increase in blood pressure with each. On perfusing the rabbit leg I constricted, II dilated. Both constricted the small intestine. I stimulated then depressed the perfused rabbit heart, II showed only depression. James C. Munch

James C. Munro

METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

1ST AND 2ND ORDERS
TRANSPORT AND PROPERTY INDEX

The pharmacological action of ρ -sulfamidoaminobenzen hydrochloride. Janusz Viktor Supniewski and Josef Hano. *Bull. intern. Acad. polon. sci., Classe med.* **1935**, **99**, 114; *Ber. gettg. Physiol. expkl. Pharmacol.* **99**, 664 (1937). Subcutaneously injected into white mice, 2 g of ρ -sulfamidoaminobenzene-HCl (I) produced death within 10 to 12 hrs. Intravenously injected smaller doses stimulated the respiratory center, the large doses caused death by respiratory paralysis. Frog and rabbit hearts stopped in diastole. Isolated striped muscle of frogs was contracted. It increased the blood sugar content of guinea pigs and produced diuresis in rabbits. *In vitro* a bactericidal action was observed for Gram-positive cocci, but not toward Gram-negative *E. coli*. James C. Murchison

ASA SEA METALLURGICAL LITERATURE CLASSIFICATION

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APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

114

Ce

The pharmacological action of nicotinic acid amide.
Janusz Viktor Supniewski, Josef Hano and Emil Taschner.
Bull. intern. acad. polon. sci. Classe med. 1936,
85-97; *Ber. ges. Physiol. expkl. Pharmacol.* 99, 674-1047.
By injections into white mice, 300 mg. per kg., of nicotinic acid amide (I) had no effect; 600 mg. per kg. depressed respiration and produced sleep for 3 hrs.; 1.5 g. per kg. produced deep sleep, with depression of reflexes and with peripheral vasodilatation; some animals died from respiratory depression. With rats 10 to 500 mg. per kg. decreased R. Q. The blood sugar of guinea pigs was unaffected. Narcotized rabbits, receiving 100 mg. per kg. of I showed respiratory stimulation and increased diuresis. The isolated small intestine of rabbits showed increased peristalsis in 1:1000 soln.; isolated rat uterus were depressed by 1:5000. Large doses of I produced decrease in blood pressure of cats and rabbits.
James C. Munch

ASTM-SEA METALLURGICAL LITERATURE CLASSIFICATION

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The pharmacological action of certain Jones, Jamison
V., Supniewski, Józef, Hippo, and E. Fischer. *Bull. intern. Acad. polon. sci., Classe med.* 1936, 33 (6); *Ber. ges. Physiol. expd. Pharmakol.* 93, 516-17. The action of phthiocoucol (I), 2-methyl-1,4-naphthoquinone (II), 1,4-naphthoquinone (III), 1,2-naphthoquinone (IV), coumarin (V), alizarin (VI) and quinizarin (VII) were studied on a no. of animals and isolated tissues. In general, the blood pressure was lowered in proportion to the doses. The heart was unaffected or stopped in systole. Diuresis developed. The respiration was unaffected or slightly stimulated. The small and large intestines were stimulated and tonus was slightly weakened. J. C. M.

ABSTRACT METALLURGICAL LITERATURE CLASSIFICATION

1-1181-00419-7

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PROCESSES AND PROPERTIES UNDER

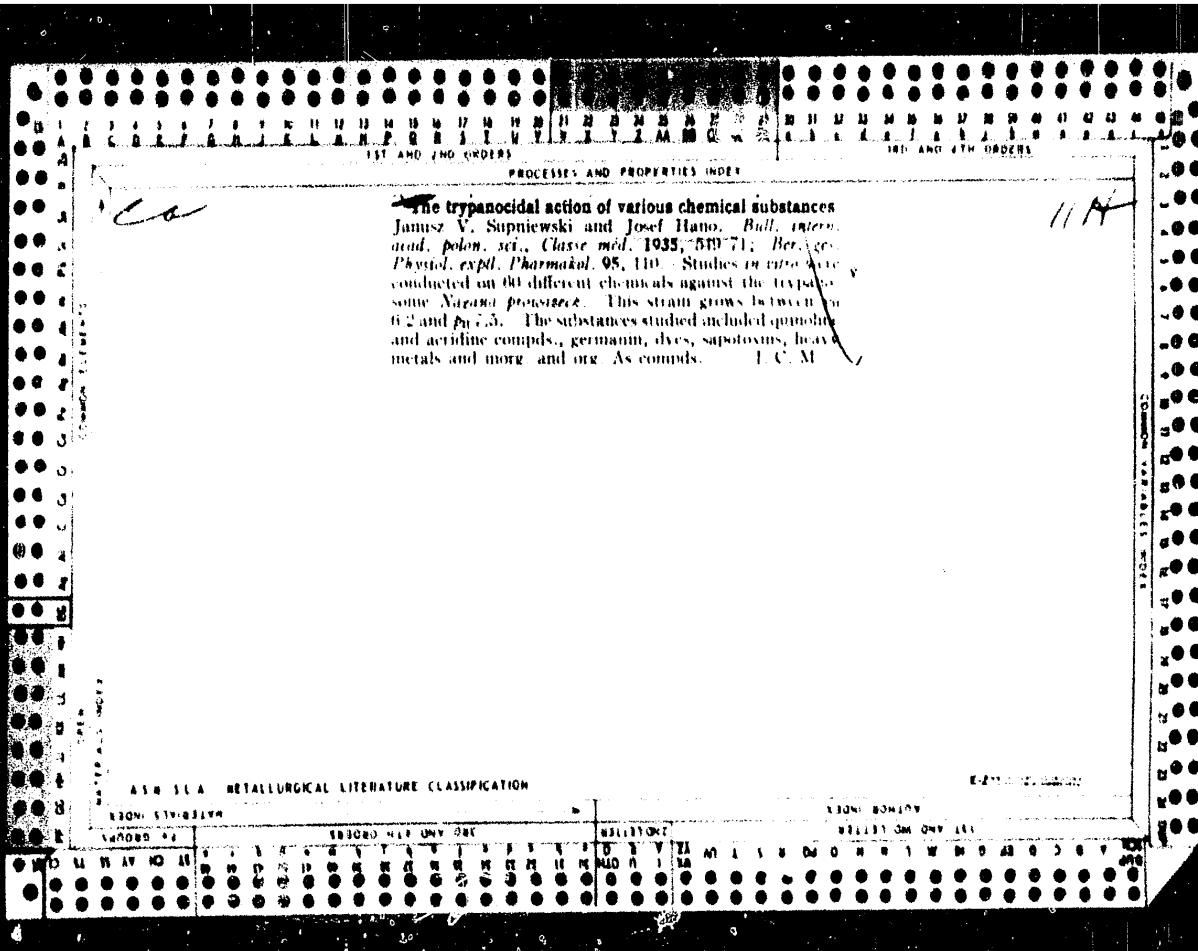
The pharmacological action of phenylethylcarbinol and ρ -tolylmethylcarbinol. Janusz V. Supniewski and Josef Hano. *Bull. intern. acad. polon. sci., Classe med.* 1935, 373-80; *Ber. ges. Physiol. exp. Pharmacol.* 95, 119. Extracts of rhizome of *Circuma domestica* contained a volatile constituent, ρ -tolylmethylcarbinol (I). This was synthesized from AcH and the Mg compd. of ρ -bromotoluene. I is slightly sol in H_2O , readily in EtOH. I and its isomer, phenylethylcarbinol (II), are protoplasma poisons, having a weak antiseptic action against staphylococcus and a strong action against *B. coli communis*. Both depress smooth muscle. I has a strong action on the frog heart, II on the hearts of warm-blooded animals. I has a stronger stimulant action on the respiratory center than II; both have a local anesthetic action on the rabbit cornea. Although equally toxic to frogs, II is more toxic to mice. James C. Munch.

James C. Muncy

ASM-SEA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R00061780001-6

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Action of bile acids on the metabolism of carbohydrates and fats. J. V. Supniewski and J. Hano. *Med. Pol.-Wrocław* 4, Szczecin 19, 310-37 (1959).—Na cholate in subcutaneous doses of 0.04-0.06 g. per kg. of rabbit causes hypoglycemia. The max. effect is noticed 2 hrs. after injection. Given intravenously the same dose causes hyperglycemia; 0.1 of the dose produces hypoglycemia. Na desoxycholate and dehydrocholate act similarly. The same effects are observed in pigeons and depancreatinized dogs. The blood-sugar level and urinary sugar output were lowered in the dog. The mechanism of hypoglycemia is not concerned with liver cell function. Cholic acid unites with glucose, inactivating the aldehyde group. Parenteral administration of bile acid to pigeons and rabbits caused a decrease in blood fatty acids (kept low for several days by a dose of 0.04-0.06 g. per kg.) accompanied by a fall in ionized P and ester P with an increase in blood phosphatides (the same effects are observed in hyperglycemic and lipemic dogs) and a fall in blood cholesterol, then a rise (when the fatty acid level is low) followed by a return to normal. Perfusion expts. on isolated frog and rabbit livers show cholic acid to be weakly glycogenolytic. Na cholate 1:10,000 does not augment the permeability of rabbit erythrocytes toward glucose. No apparent effects on metabolic rate of the rat could be observed. Normal and curarized frogs could not be used in metabolic studies. C. T. Ichniowski.

ASH-SEA METALLURGICAL LITERATURE CLASSIFICATION

SECOND EDITION	SECOND EDITION ONLY ONE	THIRD EDITION	THIRD EDITION ONLY ONE
140080 22			831111 ONE ONLY 151

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

Studies on the pharmacological properties of a synthetic lobeline derivative.
 J. HANU. *Doswiadczalna Spoleczena* 13, 395-412(412) 13 in German (1931). - The extensive tests conducted with the lobeline deriv. of the formula $\text{NMeCH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{CH}_2\text{C}(\text{HCH}_2\text{CH}(\text{OH}))\text{Ph}$ are described. The prep. was found to be 10 times less poisonous than lobeline. Its pharmacol. properties are, in general, very close to those of lupinine and sparteine. S. LAUPPER

100 METALLURGICAL LITERATURE CLASSIFICATION

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HANN, F., ing.; FLOREA, C., ing.

Resistive electric tensometry. Pt.2. Metrologia apl 12 no.3:
112-121 Mr '65.

HANN, F., ing.

Measurements of the unitary efforts and specific deformations
by photoelastic coatings. Metrologia apl 11 no. 2:49-56 F'64.

HANN, F., ing.

Photoelastic transductors. Metrologia apl 11 no. 4:
150-153 Ap '64.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

HANN, F., ing.

Modern measuring methods and apparatus used in the resistance test
by loading of constructions. Metrologia apl 10 no.11:490-499 N '63.

HANN, F., ing.

Electric resistive tensometry. Pt. I. Metrologia apl 11 no. 7:
303-317 Jl '64.

HANN, F.

"Measuring stresses and deformations" by Kurt Fink [Kurt Finck] and Khr' scof Rorbakh [Christof Rohrbach]. Reviewed by F. Hann. Studii cerc mec apl 13 no.3:812-813 '62.

HANU, Alessandro

Graduated in Chemistry, University of Milan, Italy, in 1960. Has
worked research until 1964, then taught at the University of Milan.

1. Employment of each in Chemistry, Technology or Industry,
Academy.

HANKUS, Aleksandra

Studies on the determination of the oxidizing ability of waters
and sewages. Gaz woda techn sanit 37 no.1:24-26 Ja '63.

L 47520-66

ACC NR: AT6035007

SOURCE CODE: HU/2502/66/047/002/0199/0209

AUTHOR: Hankovszky, Olga H.--Khankovski, O. Kh. (Doctor), Hideg, Kalman--Khideg, K. and Mehes, Gyula--Mekhesh, D. (Professor; Doctor) of the Institute for Pharmacology at the University Medical School in Pecs.

"Allylphenol and Prophenylphenol Derivatives"

Budapest, Acta Chimica Academiae Scientiarum Hungaricarum, Vol 47, No 2, 1966, pp 199-209.

Abstract: [English abstract] The synthesis and properties of 2-methoxy-4-propenyl-2'-morpholinoethoxybenzene, 2-methoxy-4-propenyl-2'-morpholinoethoxybenzene monoethiodide, 2-methoxy-4-propenylphenoxyacetylpirperidine, 2-methoxy-4-propenylphenoxyacetyl(-N-)N'-methyl)piperazine, 2-methoxy-4-propenyl-β-piperidinoethoxybenzene, 2'-(3-methoxy-4-hydroxyphenyl)-isopropylmorpholine, 2-methoxy-4-allyl-6-pyrrolidinomethylphenol, and 2-methoxy-4-allyl-6-(N)-2'-phthalimidooethyl(-piperazinomethyl)-phenol were described. The authors thank

Miss T. Huszar and Mrs. M. Ott for the microanalysis and for the technical assistance. Orig. art. has: 3 tables. (JPRS: 36,002)

TOPIC TAGS: chemical synthesis, nonmetallic organic derivative, phenol

SUB CODE: 07 / SUBM DATE: 08 Mar 65 / OTH REF: 005

Card 1/1 mjs

ACT NO. 47(3)(b).

activity which increased with the length of the alkyl chain. The toxicity and hypotensive effect increased as well. Substitution of a piperazine ring also markedly increased the antifibrillatory activity and toxicity. The N-methylpiperidine compound with four alkyl groups in the chain proved to be 1.7 times more potent in auricular and 2.5 times more potent in ventricular fibrillation than quinidine and its toxicity was only 1.6 times higher.
Orig. art. has: 4 figures and 1 table. [Orig. art. in Eng.] [JPRS]

SUB CODE: 07, 06 / SUBM DATE: 20Dec63 / ORIG REF: 001 / OTH REF: 013

Card 2/2 (a)

0919 0586

SZAM, Istvan, dr.; HANKOVSZKY, Maria, dr.; CSAKANY, Gyorgy, dr.

Data on the occurrence, character and therapy of pulmonary tuberculosis associated with pulmonary artery stenosis. Tuberkulosis no.8:236-239 Ag '62.

1. A Budapesti Orvostudomanyi Egyetem IV. Beliklinikaja, Orszagos Kardiologial Intezet (Igazgato: Gottsegen Gyorgy dr. egy. tanar) es a Fovarosi Uzsoki u.-i korhaz Tudoosztalya (Igazgato foervos: Szanto Sandor dr.) kozlemenye.

(PULMONARY STENOSIS) (TUBERCULOSIS, PULMONARY)
(TETRALOGY OF FALLOT)

HANKOVSZKY, Maria, dr.; SZAM, Istvan, dr.

Tuberculosis of the pericardium with minimal symptomatology. (Clinico-pathological aspects). Tuberkulozis 14 no.6:179-182 Je '61.

1. A Fovarcsi Uzsoki utcai Korhaz Tudományosak (igazgató főorvos: Szanto Sándor dr.) és a Budapesti Orvostudományi Egyetem IV. Klinikai-janak (igazgató: Gottségen György dr. egyetemi tanár) közleménye.

(TUBERCULOSIS CARDIOVASCULAR diag)

SZAM, Istvan, dr.; SZ. HANKOVSKY, Maria, dr.

"Clinically primary" tuberculous pericarditis. Tuberkulosis 14 no.4:
117-119 Ap '61.

1. A Budapesti Orvostudomanyi Egyetem IV sz. Belklinika/snak (Igazgato:
Gottsegen Gyorgy dr. egy. tanar) es a Fovarosi Uzsoki uccai Korhaz
Tudoosztalyanak (Igazgato soorvos: Szanto Sandor dr.) koulemenye.

(TUBERCULOSIS, CARDIOVASCULAR)
(PERICARDITIS)

HANKOVSKY, MARIA

SZANTO, Sandor, Dr.; HANKOVSKY, Maria, Dr.; MAGY, Gabor, Dr.

Early and late results in the active therapy of pulmonary tuberculosis.
Tuberkulozis 10 no.10-12:271-276 Oct-Dec 57.

1. A Fovarosi Uzsoki-utcai korhaz (igazgato-foorvés: Szanto Sandor dr.)
Tudoosztalyanak kozlemenye.
(TUBERCULOSIS, PULMONARY, surg.
early & late results, statist. (Hun))

SZANTO, Sandor, dr.,; HANKOVSZKY, Maria, dr.

Isoniazid therapy in chronic fibre-cavernous pulmonary tuberculosis. Tuberk. kerdesei 8 no.6:173-176 Dec 55

1. A Fovarosi Uzsoki Utcai Korhaz (igazgato: Farkas Karoly dr.)
Tudo osztalyanak (foorvos: Szanto Sandor dr.) kozlemenye.

(TUBERCULOSIS, PULMONARY, ther.

isoniazid in fibro-cavernous pulm. tuberc., late
results (Hun))

(NICOTINIC ACID ISOMERS, ther. use
same)

SZAM, I.:HANKOVSZKY, M.:ECKHARDT, S.:JANCSO, G.:SELLEI, C.

Effect of potassium cyanide on the inhibitory effect of urethane
on the growth of tumors. Kiserletes orvostud. 4 no. 4:256-259
Aug 1952.
(CLML 23:5)

1. Second Internal Clinic, Budapest Medical University.

HIDEG, K.; HANKOVSZKY, H.; MEHES, J.

Estimation of aristolochic acid and some of its derivatives by paper chromatography and spectrophotometry in body fluids. Acta physiol. acad. sci. hung. 23 no.1:79-84 '63.

1. Institute of Pharmacology, Medical University, Pecs.
(PHENANTHRENES) (CHROMATOGRAPHY) (SPECTROPHOTOMETRY)
(BODY FLUIDS)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

HANOVER, 1.

"The population of Europe has been increasing rapidly during the last 100 years."
London: "Educazioni," 2 vols., Vol. I, 1930, London, 1930.

cc: Eastern European Accordance List, Vol. 1, Vol. II, Vol. III, Vol. IV, E. + C. 1930.

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RECORDED
1961

"International Organization of the Scientific Planning Committee on Nuclear Energy
(IREC) - IAEA (IAEA), Vol. 2, no. 3, 1961, Zürich, Switzerland.

SC: Monthly List of Sci European Acquisitions, Vol. 2, N. 3, Library of Congress
August, 1961, incl.

HANKOCAY, J.

They use aluminum for building boats. p.43. HUNGARIAN HEAVY INDUSTRY. Budapest. No. 19, Spring 1956.

SOURCE: East European Acquisitions List (EEAL), Library of Congress
Vol. 5, No. 12, December 1956

HANKOCZY, J.; SZEKELY, J.

A new type of small passenger ships made of aluminum. p. h^{as}.
(Kozlekedestudomanyi Szemle, Vol. 6, no. 11/12, Nov./Dec. 1946.
Budapest, Hungary)

SO: Monthly List of East European Accessions (SEAL) Lc, Vol. 6, no. 6, Sept. 1967. Uncl.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

HANKOCZY, J.

New-type small passenger boats made of aluminum, p. 215, JARNUVEK
MEZOGAZDASAGI CEPEK (Dolgozo Ifjusag Szovetsege) Budapest, Vol. 3,
No. 8, Aug. 1956

SOURCE: EEAL, Vol. 5, No. 11, November 1956

HANCOCK, J.

Publications of the College for Agricultural Mechanical Engineers:
A mezogazdasagi gépi szakkákkal kapcsolatos tervezés (Planning Related
to Agricultural Mechanical Work); a book review, p. 227, JAN. '56
MEZOGAZDASAGI CEPEK (Delgozo Ifjúság Szövetsége) Budapest, Vol. 3,
No. 3, Aug. 1956.

Ref ID: A65150
U.S. Foreign Acquisitions List (FAL) Library - Cambridge,
Vol. 5, No. 11, November 1956.

HANKO, Zoltanne

"Timing of first pregnancy as a factor in divorce: a cross-cultural analysis" by Harold T. Christensen. Reviewed by Mrs. Zoltan Hanko. Stat szemle 42 no.11:1172-1173 N '64.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

HANKO, Zoltanke

"The costs and returns of human migration" by Larry A. Sjaastad.
Reviewed by Mrs. Zoltan Hanko. Stat szemle 41 no.10/11:1041-1042
O-N '63.

HANKO, Zoltanne

"Agricultural productivity in the United States, 1870-1960"
by Charles O. Meiburg, Karl Brandt (from "Food Research Institute
Studies," no.2, 1962). Reviewed by Mrs. Zoltan Hanko. Stat
szemle 41 no.5:538-539 My '63.

HANKO, Zoltan

Model tests of natural watercourses. Muzsaki kozl MTA 33 no.1/4:
83-98 '64.

1. Vizgazdalkodasi Tudomanyos Kutato Intezet, Budapest.

HANKO, Zoltan; VAGAS, Istvan; PERENYI, Karoly; MUSZKALAY, Laszlo
Society and technical news. Hidrelegiai kozlony 43 no.1:6, 18, 30,
38, 76, 81 F '63.
1. "Hidrelegiai Kozlony" revatvezetje (for Vagas).

HANKO, Zoltan, dr., okleveles mérnök, tudományos fomunkatárs
Determination of water level correlations in closely spaced

segments of natural watercourses. Vizugyi közl no. 1:74-79 '63.

1. Vízgazdálkodási Tudományos Kutató Intézet.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

HANKO, Zoltan, dr.

Sediment transporting capacity of open watercourses. hidrologiai
kozlony 44 no.7:307-309 JI '64.

1. Scientific Research Institute of Water Resources Development,
Budapest.

HANKO, Zoltan

Tailrace length at stilling boxes of bottom drops in small
watercourses. Hidrologiai kozlemeny (2 no. 3-221-226 J1 '62.

). Vizgazda) kodas: Tudomanyos Kozlemenyek, Budapest.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

HANKO, Zoltan

"Nomograms" by Otto Haszpra, Lorant Palmay. Reviewed by
Zoltan Hanko. Hidrologiai kozlony 42 no.3:220 Jl '62.

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HANKO, Zoltan

Improving flow conditions by applying suction orifice. Hidro-
logiai kozlony 41 no.4:307-310 Ag'61

1. Vizgazdalkodasi Tudomanyos Kutato Intezet.

HANKO, Zoltan

Water power utilization in the Australian alps. Hidrological
kozlonjy 38 no.1:66-67 F'58.

HANKO, Z.

Melyepitestudomanyi Szemle - Vol. 4, no. 12, Dec. 1954.

Experiments with models of run-off lock gate and the ship sluice at Tiszavasar. p. 654.

SO: Monthly list of East European Accessions, (SEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

Z. HANCO.

"Automating the Water Supply of the Reservoir in the Laboratory of the Water Economy Research Institute." p. 121. (Nyelvitezstudomanyi Szemle, Vol. 3, no. 3 Mar. 1953 Budapest.)

Vol. 2, no. 9

SC: Monthly List of East European Acquisitions./Library of Congress, Sept 1953, Uncl.

L 21716-65
ACCESSION NR: AP5002949

art. has: 21 formulas and 11 figures.

ASSOCIATION: Institut kibernetiki Akademii nauk Estonskoy SSR (Institute of Cybernetics, Academy of Sciences Estonian SSR)

SUBMITTED: 17Mar64 ENCL: 00 SUB CODE: DP, MA

NR REF SOV: 004 OTHER: 000

Card 2/2

L 21716-65 EWT(1)/EFC(b)-2/EED-2/EWA(h) Feb ASD(a)-5/AFMD(p)/AFTC(b)/
ESD(dp) S/0023/64/000/004/0370/0381
ACCESSION NR: AF5002949

AUTHOR: Hanko, P. (Khanko, P.)

TITLE: Concerning some algorithms for the synthesis of logical networks ^B

SOURCE: AN EstSSR. Izvestiya. Seriya fiziko-matematicheskikh i tekhnicheskikh nauk, no. 4, 1964, 370-381

TOPIC TAGS: algorithm, logic network, network synthesis ²⁵

ABSTRACT: Two algorithms which can be used for the synthesis of logical networks are presented. The first algorithm makes it possible to determine those combinations of the members of a disjunctive normal form of a logical function, which do not satisfy the condition for quasi-nonrepetitiveness. If such combinations do not exist, the algorithm makes it possible to determine whether the logical function can be realized by a quasi-nonrepetitive network or not. The second algorithm determines whether the number of repeated contacts in a synthesized network is sufficient. This algorithm essentially extends the procedure for the synthesis of quasi-nonrepetitive circuits to include those with repeated contacts. Orig.

Card 1/2

CSERI, Zoltan; HANKO, Janos; DEDE, Zoltan; TOTH, Akos
Experiments for use of tetracycline derivatives in the canning
industry.II. Konzerv paprika no.6:194-197 N-D '62.
1. Duna Konzervgyar (for Dede). 2. Chinoim Gyogyszergyar (for
Cseri, Hanko, and Toth).

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

CSERI, Zeltan; DEDE, Laszlo; TOTH, Akos; HANKO, Janos

Experiments for using tetracycline derivatives in the canned industry. I. (To be contd.) Konzerv paprika no.5:145-150 S-0
'62.

1. Chincin Gyogyszergyar (for Cseri, Dede, Toth). 2. Duna Konzervgyar (for Hanko).

CZECHOSLOVAKIA/Diseases of Farm Animals - Diseases Caused by
Helminths.

R-3

Abs Jour : Ref Zhur - Biol., No 11, 1958, 50204

Author : Vodrazka, J., Berecky, I., Sokol, J., Hanks, J.

Inst :
Title : The Problem of Using Piperazine for the Treatment of
Horses.

Orig Pub : Veterinarstvi, 1957, 7, No 9, 273-275

Abstract : The authors conducted tests which revealed that piperazine adipate and citrate are 100 percent effective when used in doses of 0.25 gr/kg in treating parascariasis in colts. These preparations were equally effective against immature as well as mature forms of the parasite. Good therapeutic results were also obtained with the same preparations in treating strongyliasis. They were less effective, however, against oxyurosis.

Card 1/1

L 13377-66

ACC NR: AP6007276

SOURCE CODE: MU/0017/65/017/002/0096/0110

AUTHOR: Hanko, Geza, Jr. (Doctor)

23

B

ORG: none

TITLE: Field tasks of the geodetic in implementing the investment plans of the industry and renovating the productive facilities

SOURCE: Geodezia es kartografija, v. 17, no. 2, 1965, 96-110

TOPIC TAGS: geodesy, ground survey, geodetic survey

ABSTRACT: The laws regulating the establishment of factories and reorganization of industrial sites require many field tasks to be performed by geodetics. These tasks were reviewed. The most important ones include the development of the basic network, modification of the network, ensuring the permanency of the network-point markers, altitude determinations, surveying rail and road lines, surveying for above-ground installations, surveying for below-ground installations, and administrative functions. Orig. art. has: 18 figures. [JPRS]

SUB CODE: '08 / SUHM DATE: none / ORIG REF: 011

UDC: 528.48.01/02

Card 1/10

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

HANKO, Geza, dr.

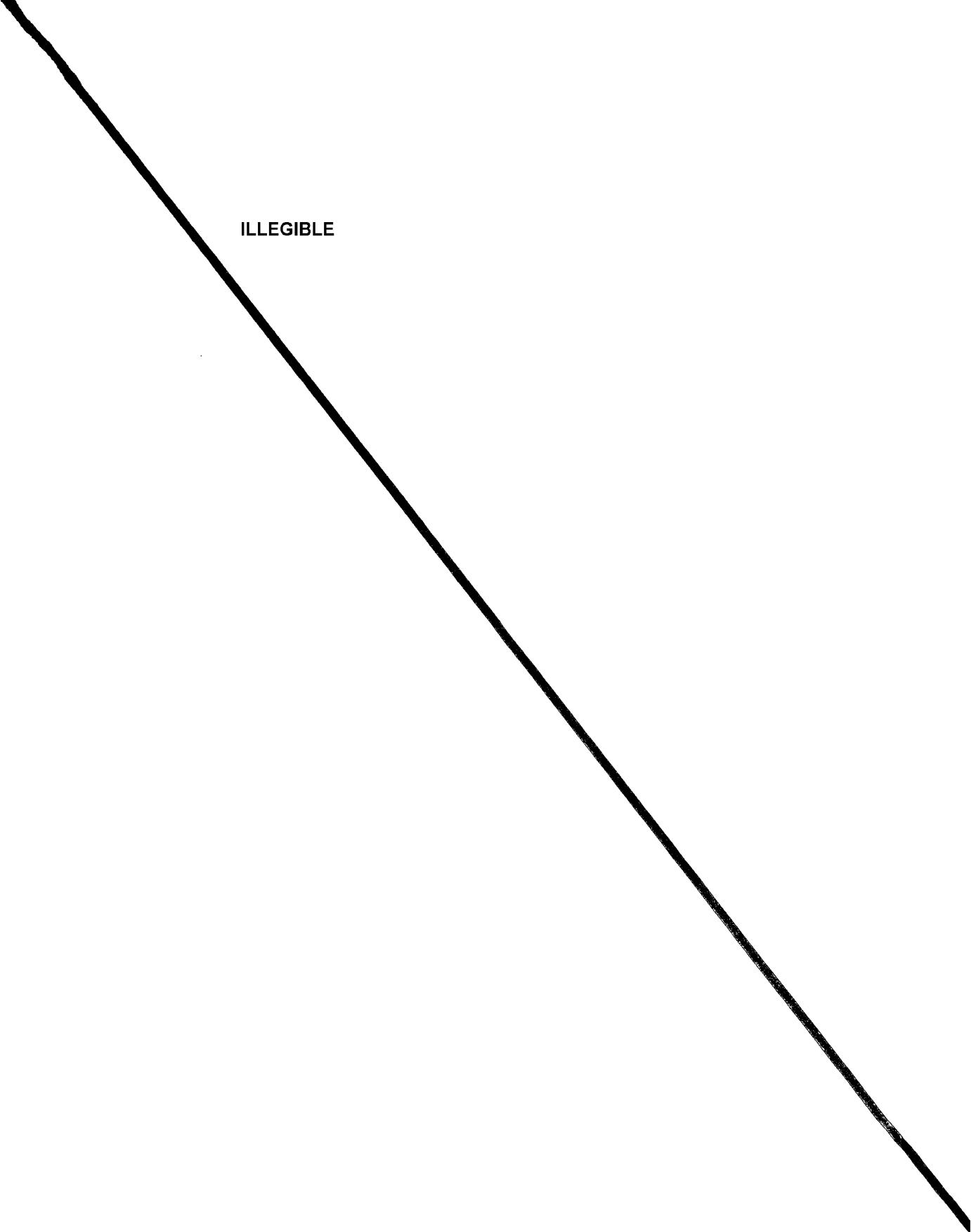
Probable error of stereo-photogrammetric altimetry. Geod
kart 15 no. 5:321-328 '63.

HANKO, Geza, dr.

Adaptation of radial triangulation to a geodetic system. Muszaki
kozl MTA 30 no.1/4:299-315 '62.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

ILLEGIBLE



HANKO, Geza, dr.

Determination of the geodetic coordinates of image points and the lines
of the map system. Geod kart 14 no.1:21~23 '62.

3/25/62/001/02/101/52
ACC1/A131

AUTHOR: Hankó, G.

TITLE: The ways of development of stereophotogrammetry and stereophotogrammatical instrument construction

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 2, 1962, 10,
abstract 2676 ("Geod. és kartogr.", 1961, v. 13, no. 3, 170-172,
Hungarian)

TEXT: The author surveys the general development of photocameras, photo-materials, radio navigation methods and stereo instruments in various countries. The importance of using electronics and automation in photogrammetric instruments is emphasized. The present state and prospect of development of photogrammetry in Hungary are described.

F. Sh.

[Abstracter's note: Complete translation]

Card 1/1

Application of ground photogrammetry to...

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A001/A101

corresponded, in accuracy, to detailed urban survey. The current, well illuminated and covered with confetti, was periodically photographed with a camera mounted on the flat roof of the laboratory. In order to cover, without discontinuities, the surface of water with a small number of photographs, the optical axis of the camera was inclined through an angle of $36 - 38^{\circ}$ from the vertical. The photosurvey had a purpose to determine proportionality of various levels on the model and hydrodynamic properties of the current during various stages of building constructions and operation of the hydroengineering center. The photographs were processed on a DEM-rectifier; distortions due to relief were not taken into consideration. Photographs, on the 1:5,000 scale, made for various cases, serve as a good basis for the further projection of hydropower centers.

G. Levechuk

[Abstracter's note: Complete translation]

Card 2/2

3/035/62/000/009/046/060
A001/A101

AUTHOR: Hankó, Géza

TITLE: Application of ground photogrammetry to hydrotechnical modeling

PERIODICAL: Referativnyy zhurnal, Astronomiya i Geodeziya, no. 9, 1962, 20,
abstract 90133 ("Epítőipari és közlek. műsz. egyet. tud. közl.",
1961, v. 7, no. 2, 147 - 172, Hungarian; Russian, English, French,
German, Spanish summaries)

TEXT: The author describes the experience of a ground photogrammetric survey of the model of a hydroengineering power center designed for the Vyshegrad portion of the Danube. The study was performed by the Scientific Research Institute of Water Economy. The scale of the model is 1:75. The length of the portion is 3 km, the width is 0.6 - 1.2 km. A general plan on the 1:100 scale was compiled for the locality of model construction. The project of the model was transferred to the locality by laying off projected distances from the base line. The data for the compilation of the general plan of the model and its lay-out on locality were taken from the project design of the hydroengineering power center (1:7,500 scale). On the constructed model were fixed crest points of the concrete face which served as beacons for photogrammetric survey. Operational measurements of the model

Card 1/2

HANKO, Geza., a muszaki tudomanyok doktora

Application of photogrammetry in 1:10,000 or higher scale mapping
under Hungarian conditions. Muszaki kozl MTA 27 no.3/4:393-428 '60.

1. Allami Foldmeresi es Tarkepeszeti Hivatal, Budapest.
(Hungary--Maps) (Photogrammetry)

HANKO, G., Kand. d. Techn. Wiss.

On radial triangulation. Acta techn Hung 30 no.3/4:231-257 '60.
(EEAI 10:4)

1. Staatl. Amt fur Vermessungswesen und Kartographie, Budapest.
(Triangulation)

HANKO, Geza

Correlation between mean coordinates and horizontal plane coordinates
Geod kart 12 no.3:170-173 '60. (EEAI 10:3)
(Photogrammetry) (Coordinates)

HANKO, Geza

Relations between the external data of photographs and the focusing
elements of the transformer. Geod kart 12 no.2:87-90 '60. (EEAI 9:9)
(Photography) (Cameras)

HANKO, G.

Science

"GEODEZIA ES KARTOGRAFIA"

Soviet photogrammetric instruments. p. 300

Vol. 10, No. 4, 1958

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 4, April 1959
Unclas.

Palmer, L.

Aerial photogrammetric experiences in mapping on a large scale. p. 176
(L'ESPRESSO ITALIA. Vol. 9, no. 1/2, 1967. Summary)

See: Monthly list of East European Accessions (EAA) N. vol. 6, no. 12, Dec. 1967.
Incl.

HANKO, G.

Photogrammetric survey.

P. 187 (Geodezia es Kartografla. Vol. 9, no. 3, 1957 Budapest, Hungary)

Monthly Index of East European Accessions (FFAI) LC. Vol. 7, no. 2,
February 1958

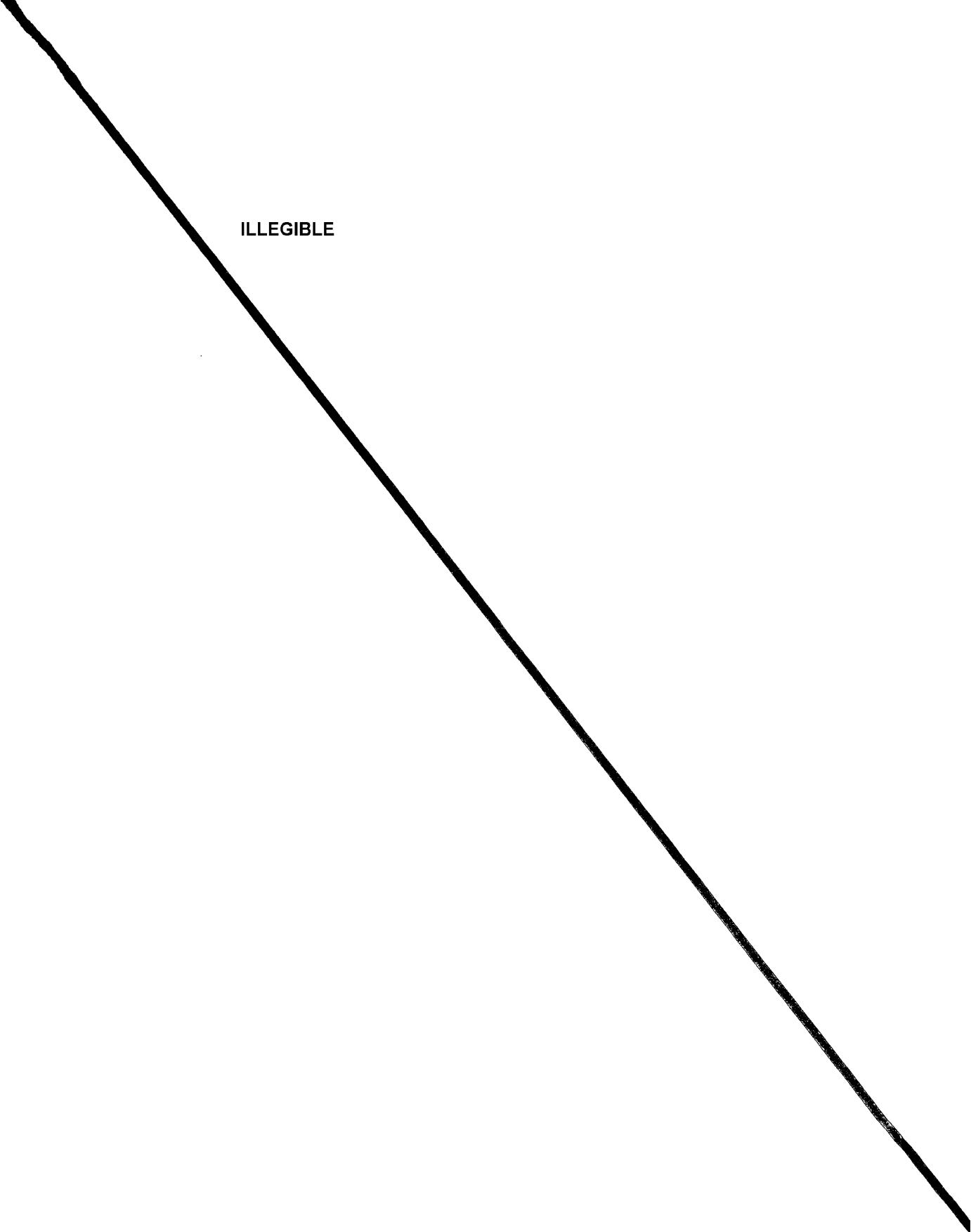
BRUNO, G.

Topographic mapping of Hungary at the scale of 1:500 and 1:10,000 in the photogrammetric method, p. 100. (geodetic series Part 1990, vol. 8, no. 2, 1986, half sheet)

SO: Monthly List of West European Accession (RMN) 11, Vol. 1, no. 3, July 1979. Inc.

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

ILLEGIBLE



HANKO, G.

"Modern map making with photogrammetry." p. 136. (Földmérészeti Kozlemények, Vol. 5, no. 3, 1953, Budapest)

SO: Monthly List of East European Accessions, Vol. 3, No. 2, Library of Congress,
Feb. 1954, Unclassified

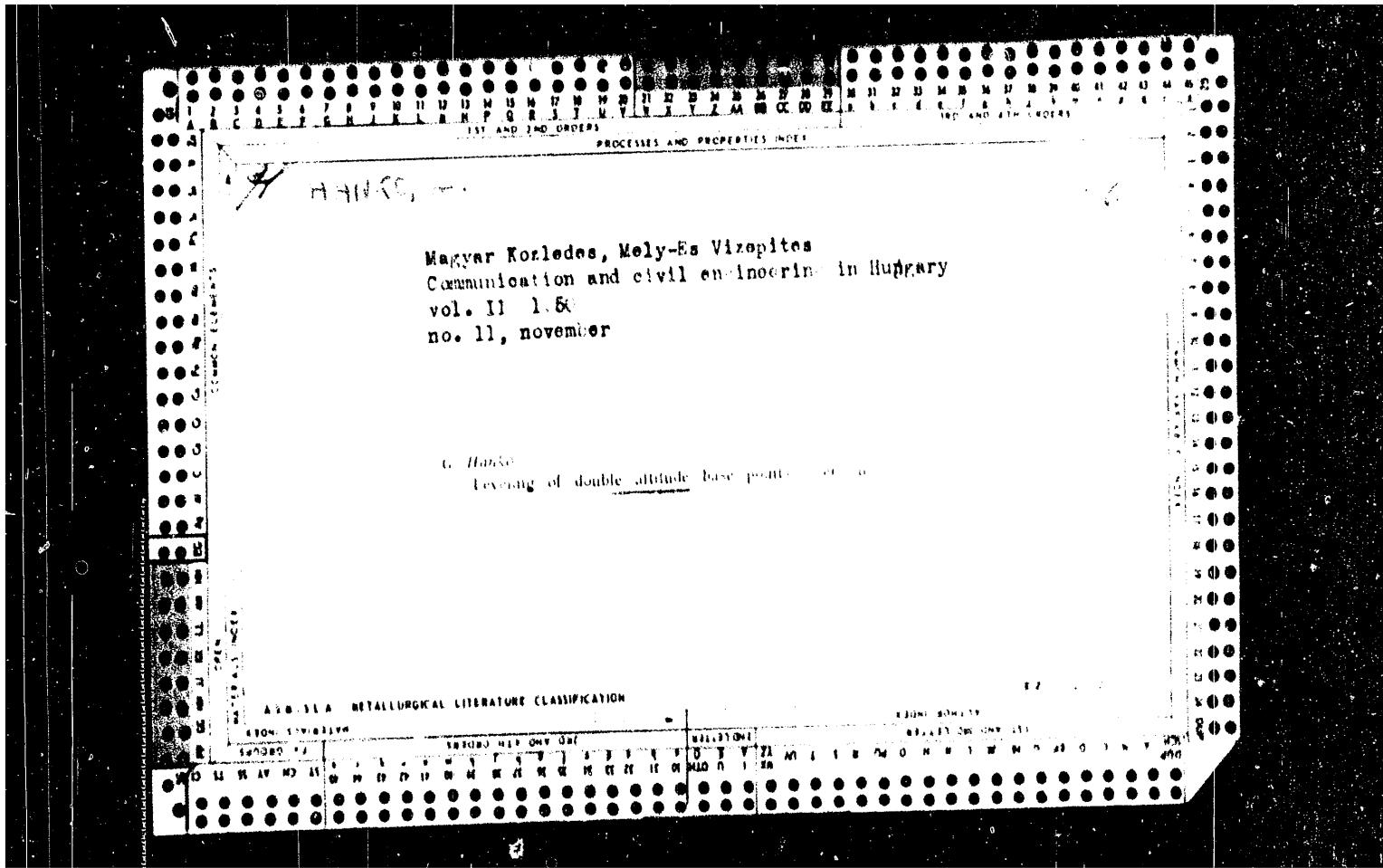
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6

HANKO, G.

Topographic surveying of Hungary on the scales 1:5,000 and 1:10,000
by the photogrammetric method. (To be contd.) p. 130, GEODEZIA ES
KARTOGRAFIA. (Allami Foldmereseti es Terkepeszeti Hivatal) Budapest.
Vol. 8, No. 2, 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000617800001-6



HANKO, Bela (Bekescsaba)

The origin of the Hungarian horned cattle. Magy biol Decrecon 2:
215-226 '52 [publ. '54].

L 43012-50

ACC NR: AT6031823

The authors thank Doctor H. Caernyanszki for advice and assistance in the immunological studies. Orig. art. has: 9 figures and 1 table. [Orig. art. in Eng.] [JPRS]

SUB CODE: 06, 07 / SUBM DATE: 10Jan64 / ORIG REF: 001 / OTH REF: 022

Card 2/2 MLF

0919 0572

L 43012-66 T JX
 ACC NR: AT6031823

SOURCE CODE: HU/2505/65/026/003/0217/0226

AUTHOR: Szabolcs, Marton--Sabol'ch, M.; Orosz, Laszlo--Oros, L.; Hankiss, Janos--
 Khankishsh, Ya.

ORG: Central Research Laboratory, Medical University of Debrecen, Debrecen
 (Orvostudomanyi Egyetem Kozponti Laboratorium); I. Department of Medicine, Medical
 University of Debrecen, Debrecen (Orvostudomanyi Egyetem I. sz. Belklinikaja)

TITLE: Physico-chemical and immunological properties of purified pathological
 macroglobulin

SOURCE: Academia scientiarum hungaricae. Acta physiologica, v. 26, no. 3, 1965,
 217-226

TOPIC TAGS: centrifugation, serum, electrophoresis, protein, immunology, absorption
 spectrum

ABSTRACT: Macroglobulin has been isolated from the serum of a patient with
 Waldenstrons's macroglobulinemia. The compound was not homogeneous on ultracentrifugation.
 It consisted to about 85 per cent of a component with a sedimentation coefficient of 18 S and a molecular weight of 860,000 and another component, the quantity of which was about 15 per cent, with a sedimentation coefficient of 27 S and a molecular weight of 1,300,000. On electrophoresis, the macroglobulin behaved as a homogeneous monodisperse system in a veronal buffer of 0.1 μ and at a pH of 8.6. With 2-mercaptoethanol, the macroglobulin dissociated to a compound with a sedimentation coefficient of 6.27 and a MW of 153,000. Since this dissociation could be demonstrated by viscosimetry, their estimation by such a simple method is thought possible. A profound change in the absorption spectrum of macroglobulin was caused by the 2-mercaptoethanol. Immunological studies revealed its relationship to gamma globulin and also serological differences between its two components.

Card 1/2

0919 • 571

L 9758-66

ACC NR: AP6001949

SOURCE CODE: HU/0018/65/017/001/0028/0031

AUTHOR: Hankiss, Janos--Khankish, Y.; Keszthelyi, Mihaly--Kestkhei, M.;
Demeny, Peter--Demen', P

ORG: I. Medical Clinic, Medical University of Debrecen (Debreceni Orvostudomanyi
Egyetem I. sz. Belklinikaja)

TITLE: Adrenocortical hormones and ADH decomposition

SOURCE: Kiserletes Orvostudomany, v. 17, no. 1, 1965, 28-31

TOPIC TAGS: hormone, endocrinology, biochemistry

ABSTRACT: It has been determined that the ADH decomposition in the liver and renal
tissue of either normal or adrenalectomized animals is not influenced by adrenocorti-
cal hormones. Even higher doses of hydrocortisone and DOCA have not increased the
ADH decomposition. It has been concluded that the influence of corticoids on the
water balance is not exerted through the decomposition of ADH. Orig. art. has:
2 figures. [JPRS]

SUB CODE: 06 / SUBM DATE: 29Feb64 / ORIG REF: 004 / OTH REF: 031

PC

Card 1/1